

CEON CHEMICAL COMPANY

TECHNICAL DATA SHEET (TDS)

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1. Product Description

Liquid NPK fertiliser

2. Guaranteed Analysis and Analytical Methods

Parameter	Specification	Analysis Method
Total Nitrogen (N)	6% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Urea Nitrogen (NH ₂ -N)	6% w/v	Validated nitrogen determination (Kjeldahl / distillation / spectrophotometric, as applicable)
Water-soluble Phosphorus Pentoxide (P ₂ O ₅)	3% w/v	ICP-OES after appropriate extraction
Water-soluble Potassium Oxide (K ₂ O)	12% w/v	ICP-OES after appropriate extraction
Water-soluble Magnesium Oxide (MgO)	2% w/v	ICP-OES after appropriate extraction
Free Amino Acid	2% w/v	HPLC-UV/FLD after validated derivatisation

3. Key Benefits

Balanced liquid NPK formulation supporting vegetative growth, flowering, fruit development, nutrient uptake and crop quality.

4. Recommended Use Areas

Vegetables, orchards, vineyards, field crops and ornamentals.

5. Application Rate

Apply through fertigation or foliar programmes according to crop and growth stage.

6. Packaging

1 L, 5 L, 10 L, 20 L

7. Mixability and Storage

Conduct a small-container compatibility test before tank mixing. Do not exceed recommended rates. Store tightly closed in a cool, dry and ventilated area, protected from direct sunlight and frost.

8. Quality Note

Analytical methods shown are technically appropriate reference methods for the declared parameter and product matrix. Batch release results are recorded in the applicable COA.